

PTO/SB/08A (07-05)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/541,522
Filing Date	July 7, 2005
First Named Inventor	William Brown
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	100952-1P US

Sheet 1 of 3

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2,898,339	08/04/1959	Wheeler et al.	
		US- 4,581,171	04/08/1986	Kennis et al.	
		US- 4,816,586	03/28/1989	Portoghese	
		US- 4,939,137	07/03/1990	Russell et al.	
		US- 5,140,029	08/18/1992	Kennis et al.	
		US- 5,574,159	11/12/1996	Chang et al.	
		US- 5,683,998	11/04/1997	Shibayama et al.	
		US- 6,187,792	02/13/2001	Delorme et al.	
		US- 6,455,545	09/24/2002	Delorme et al.	
		US- 6,552,036	04/22/2003	Boyd et al.	
		US- 6,556,387	04/29/2003	Misso et al.	
		US- 6,756,387	06/29/2004	Brown et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 93/15062	08/05/1993	The Wellcome Foundation		
		WO 97/23466	07/03/1997	Astra Aktiebolag		
		WO 98/28275	07/02/1998	Astra Pharma, Inc.		
		WO 99/33806	07/08/1999	Ortho-McNeil Pharmaceutical		
		WO 01/74804	10/11/2001	AstraZeneca AB		
		WO 01/74806	10/11/2001	AstraZeneca AB		

Examiner  
Signature

/David O Dell/

Date  
Considered

05/07/2008

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**Complete if Known**

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Sheet	2	of	3
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Application Number	10/541,522
Filing Date	July 7, 2005
First Named Inventor	William Brown
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	100952-1P US

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**Examiner  
Signature**

Date  
Considered

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/541,522
		Filing Date	July 7, 2005
		First Named Inventor	William Brown
		Art Unit	Unknown
		Examiner Name	Unknown
Sheet 3	of 3	Attorney Docket Number	100952-1P US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BARBER, A. et al., "Antinociceptive effects of the 5-HT <sub>2</sub> Antagonist Ritanserin in Rats: Evidence... in the Spinal Cord," Neuroscience Letters, 1989, Vol. 99, p. 234-238	
		BILSKY, E. et al., "SNC 80, A Selective, Nonpeptidic and Systematically Active Opioid Delta Agonist," J. Pharmacology Experimental Ther., 1995, Vol. 273, p. 359-366	
		GREENE, T., "Protective Groups in Organic Synthesis," Wiley & Sons, 1982, p. 218, 220, 232, 233, 251	
		TAKEMORI, A.E. et al., "Selective Naltrexone-Derived Opioid Receptor Antagonists," Annu. Rev. Pharmacol. Toxicol., 1992, Vol. 32, p. 239-269	
		WEI, Z. et al., "N,N-Diethyl-4-(phenylpiperidin-4-ylidenemethyl)benzamide: A Novel...and its Analogues," J. Med. Chem., 2000, Vol. 43, p. 3895-3905	
		ZHANG, X. et al., "Probes for Narcotic Receptor Mediated Phenomena. 26. 1-3 Synthesis... Opioid Receptor Ligands, J. Med. Chem., 1999, Vol. 42, p. 5455-5463	

Examiner Signature	/David O Dell/	Date Considered	05/07/2008
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PTO/SB/08a (05-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2**Complete if Known**

Application Number	Not Yet Assigned
Filing Date	
First Named Inventor	William Brown, et al.
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	100492-1P US

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US- 2,898,339	Aug. 4, 1959	Wheeler, et al.	
	A2	US- 4,581,171	April 8, 1986	Kennis, et al.	
	A3	US- 4,816,586	March 28, 1989	Portoghese	
	A4	US- 4,939,137	July 3, 1990	Russell, et al.	
	A5	US- 5,140,029	Aug. 18, 1992	Kennis, et al.	
	A6	US- 5,574,159	Nov. 12, 1996	Chang, et al.	
	A7	US- 5,683,998	Nov. 4, 1997	Shibayama, et al.	
	A8	US- 6,187,792	Feb. 13, 2001	Delorme, et al.	
	A9	US- 6,455,545	Sept., 24, 2002	Delorme, et al.	
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	B1	WO 99/33806	July 8, 1999	Ortho-McNeil Pharmaceutical, Inc.		
	B2	WO 93/15062	Aug. 5, 1993	The Wellcome Foundation Ltd.		
	B3	WO 97/23466	July 3, 1997	Astra Aktiebolag		
	B4	WO 98/28275	July 2, 1998	Astra Pharma, Inc.		
	B5	WO 0174804	Oct. 11, 2001	AstraZeneca AB		

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Filing Date	
First Named Inventor	William Brown et al.
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	100492-1P US

Sheet 1 of 1

**NON PATENT LITERATURE DOCUMENTS**

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	C1	Bilsky, et al., "SNC 80, A Selective, Nonpeptidic and Systemically Active Opioid Delta Agonist, J. Pharmacol. Experi. Ther. 273:359-366(1995)	
	C2	Takemori, et al., "Selective Naltrexone-Driven Opioid Receptor Antagonists," Annu. Rev. Pharmacol. Toxicol. 32:239-269 (1992).	
	C3	Barber, et al., "Antinociceptive Effects of the 5-HT Antagonist Ritanerlin in Rats: Evidence for an Activation . . . in the Spinal Cord," Neuroscience Letters 99:234-238 (1989).	
	C4	Greene, "Protective Groups in Organic Synthesis," Wiley & sons, pp. 218, 220, 232, 233, 251 (1982).	
	C5	Wei, et al., "N,N-Diethyl-4-(phenylpiperidin-4-ylidenemethyl) . . . and its Analogues," J. Med. Chem. 43:3895-3905 (2000).	
	C6	Zhang, et al., "Probes for Narcotic Receptor Mediated Phenomena. 26. 1-3 Synthesis . . . Opioid Receptor Ligands," J. Med. Chem. 42:5455-5463 (1999).	

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